Next Generation Luminaires Design Competition



Competition Partners

Partnerships to link energy efficiency & lighting quality

INTERNATIONAL ASSOCIATION OF LIGHTING DESIGNERS







ENERGY

Energy Efficiency & Renewable Energy

BUILDING TECHNOLOGIES OFFICE

What NGL Is All About

- Inclusive rather than exclusive
- Performance evaluation with extensive documentation
 - More time and resources than most designers can afford
- Judged in characteristic applications and "hands on"
- Diverse, professional judging panel



We've Seen Lots of Products

	2013	All
Judged	167	726
Awards	59	257
% of judged awarded	35%	35%

240 Intents received for 2014 Indoor Competition, Judging in August

How NGL Works

Judging is the Key

- Approach
- Criteria
- Installations
- Evaluations
- Selecting Winners



Approach

- Organized by application
- Product Evaluation
 - Installed and lighted
 - Table top (2nd fixture)
 - Documentation
- Process
 - Independent judgment
 - Preliminary scoring
 - Discussion and decision
 - Post judging analysis & verification



Seeing is Believing



Outdoor Judging Setup



Indoor Judging Setup



Using NGL Materials



2013 INDOOR COMPETITION

Judging Panel Judging Process Awards

2012 OUTDOOR

Winners Judging Panel Judging Process Awards Awards Event

PAST COMPETITIONS

Next Generation Luminaires

The Next Generation Luminaires™ (NGL) Solid-State Lighting (SSL) Design Competition was created to recognize and promote excellence in the design of energy-efficient LED commercial lighting luminaires.

2012 SSL Design Outdoor Competition Winners

NGL congratulates the winners of the 2012 Outdoor Competition! View the winners page or the NGL Outdoor Showcase Catalog to view product profiles. The 2012 NGL Outdoor Showcase aims to demonstrate the diversity of solid-state lighting (SSL) products, making it easier for lighting designers and specifiers to find LED lighting products that are worthy of specification.



2013 Indoor Competition Call for Entries posted -

- December 13, 2012 Intent-to-Submit Form Due
- January 25, 2013
- Physical Product Entries Due
- Final Documentation Due -February 15, 2013
- Judging Session -February 27-March 1, 2013
- Winners' Announcement -March 20, 2013, LEDucation

2012 Outdoor Competition Winners' Announced February 14, 2013,

Please send questions to: ☑ ngl@pnnl.gov.

Notes from the judges are key.

www.ngldc.org



TV and Dial LED

- Efficacy: 41.4 lm/W











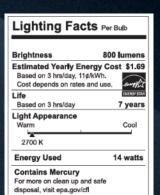
Understanding the Listings

- ENERGY STAR®
- Design Lights Consortium (DLC)
- LED Lighting Facts
- Federal TradeCommission (FTC)

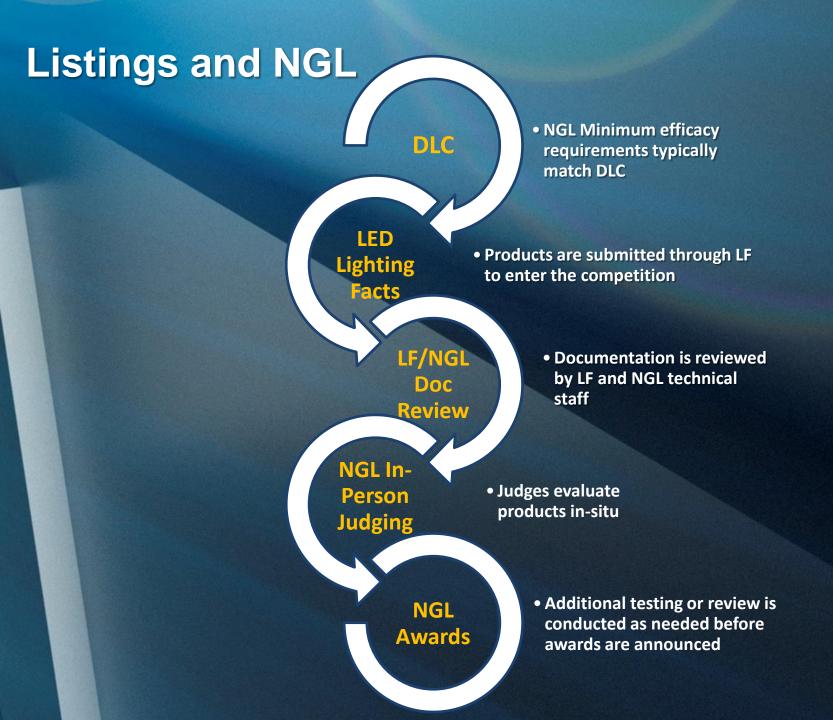








	ENERGY STAR List	DLC QP List	LED Lighting Facts List/Label	FTC Label
	CLF & LED	Only LED	Only LED	All types
Focus	Residential	Commercial	Both	Residential
	Lamps/Limited Res. Luminaires	Luminaires	Both	Medium Lamps
Minimum Requirements	YES	Yes	No	No
Voluntary	Yes	Yes	Yes	No
Family Groupings	Yes/ limited	Yes	Yes	N/A
Current Primary Use	Utility Incentives	Utility Incentives	Performance Verification	Consumer Education
Funding	EPA	Utility Groups/Applica tion fees	DOE	N/A
Verification	Yes	Yes	Yes	All self reported, no verification



The Future of NGL

- 2014 Emerging Categories
 - OLED luminaires
 - Color tunable white light
 - Material integrated products LED systems integrated into furniture or architectural/structural elements



Thanks!

Questions?